



920476-904737

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of : David J. Stacey
Serial No. : 09/416,679
Filed : October 12, 1999
For : ATM Common Part Sub-Layer Device and Method
Examiner : Dmitry Levitan
Art Unit : 2697
Customer number : 23644

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450," on December 15, 2005.

Name of person signing Minnie Wilson

Signature Minnie Wilson

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

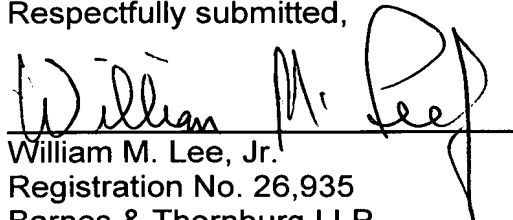
Honorable Director of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Corrected Application papers, appended hereto is a copy of the notice as well as specification pages 14 and 15.

December 15, 2005

Respectfully submitted,


William M. Lee, Jr.

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UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Serial Number
09416679

Date Mailed
12/8/05

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Notice of Allowance Mailed

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- ◆ Specification pages 14 and 15 are cut off on the right side.

APPLICANT MUST SUPPLY MISSING INFORMATION WITHIN 30 DAYS OF THE MAIL DATE OF THIS NOTICE.

A copy of this notice MUST be returned with the reply. Please address response to Commissioner for Patents P.O. Box 1450
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Table 1 AAL-2 UUI Codepoint assignments to Groups and segregation actions

UUI Codepoints	Packet Content	Segregation actions	Seg. Group
23	Optional Primary Service: Type-2 packets reserved for future voice or data services.	Add-on service, segregate per LCID: When enabled, the packet will be segregated to a port address (SSCS-V/D); otherwise it shall be discarded and error is counted.	D
24	Secondary Service: Type-3 packets for all data extensions, except Alarm packets.	Add-on service, segregate per LCID: When enabled, the packet will be segregated to a port address (SSCS-V/D); otherwise it shall be discarded and error is counted	B
25	Non-standard extension. Unknown type.	Special add-on service globally enabled/disabled by the software for all LCIDs. When enabled, the packet will be segregated to a ports address (SSCS-D); otherwise it shall be discarded and error is counted.	E
26	Secondary Service: Framed mode data, final packet.	Add-on service, segregate per LCID: When enabled, the packet will be segregated to a port address (SSCS-D/D); otherwise it shall be discarded and error is counted.	B
27	Secondary Service Framed mode data, more to come.	As UUI 26	B
28 to 29	Reserved by I.363.2; unknown type	Special add-on service globally enabled/disabled by the software for all LCIDs. When enabled, the packet will be segregated to a ports address (SSCS-D); otherwise it shall be discarded and error is counted.	C
30	Available for Layer Management by I.363.2; unknown type	Special add-on service globally enabled/disabled by the software for all LCIDs. When enabled, the packet will be segregated to a common port address (SSCS-D); otherwise it shall be discarded and error is counted.	E



Table 1 AAL-2 UII Codepoint assignments to Groups and segregation actions

UII Codepoints	Packet Content	Segregation actions	Seg. Group
31	Alarm/OAM packets.	Unconditional per LCID. The packet may be segregated to one, or broadcast to two, port address (SSCS-D) if enabled by software for ALS.	F

- 5 For non-AAL2 traffic the received SDUs are decoded into the traffic groups defined in Table 2 below according to the ATM PTI field.

Table 2 Group assignments and actions for other AAL-2 types/F5 OAM

PTI's MSB	SDU Content	Segregation actions	Seg. Group
0 x x	Primary Service: User audio, AAL-5 voice, circuit mode data, and facsimile data.	Segregate per LCID: to a port address where an SSCS-Voice device is terminated.	A
0 x x	Primary Service: User data traffic such as AAL-5 messages for control and signaling, and IP etc.	Segregate per LCID To a port address where an SSCS-Data device/function is terminated	B
1 x x	Secondary Service: F5 OAM/user management traffic for all AAL types.	Special add-on service globally enabled/disabled by the software for all LCIDs. When enabled, the SDU will be segregated to a common port address (SSCS-D); otherwise it shall be discarded and error is counted.	E

- 10 To perform the segregation function of the CPS addresses the Port-Address Lookup using the LCID of the received SDU. The coding of the Port-Address Look-Up is defined in Table 3 below. The segregation function is performed by the segregation static/dynamic function (see figure 3). This function maintains a look-up table (one location per internal connection) that is configurable by the system s/w.